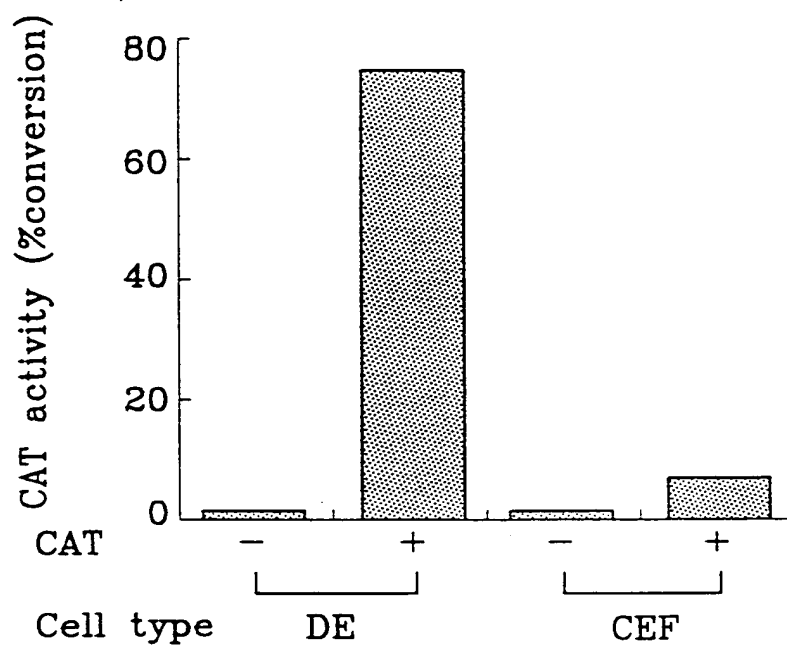


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FIG. 1



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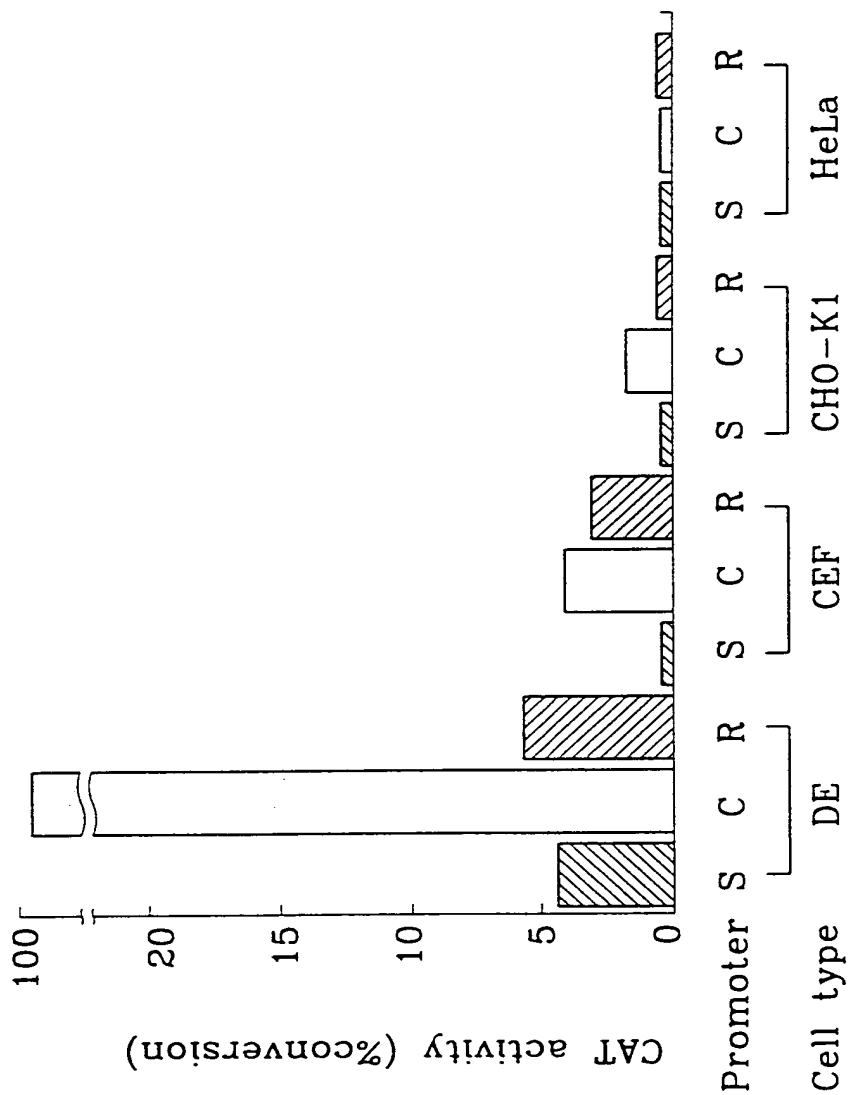
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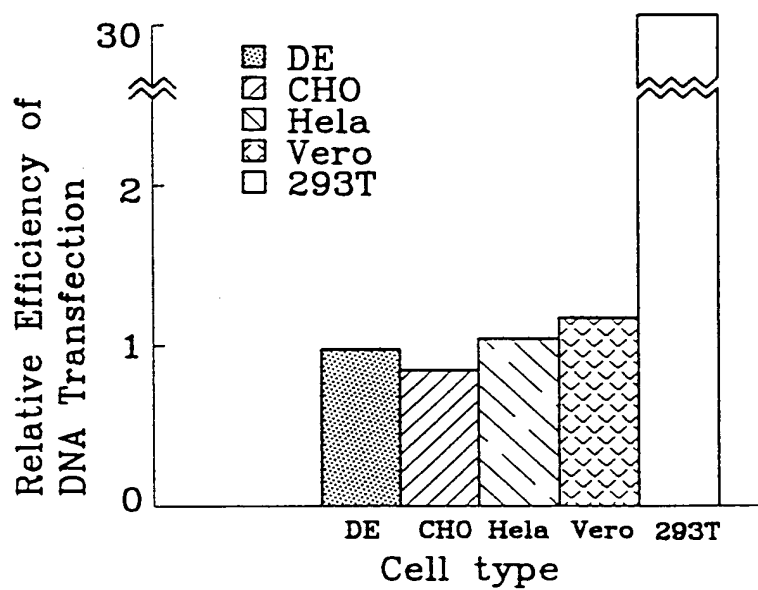
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FIG.2



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FIG.3

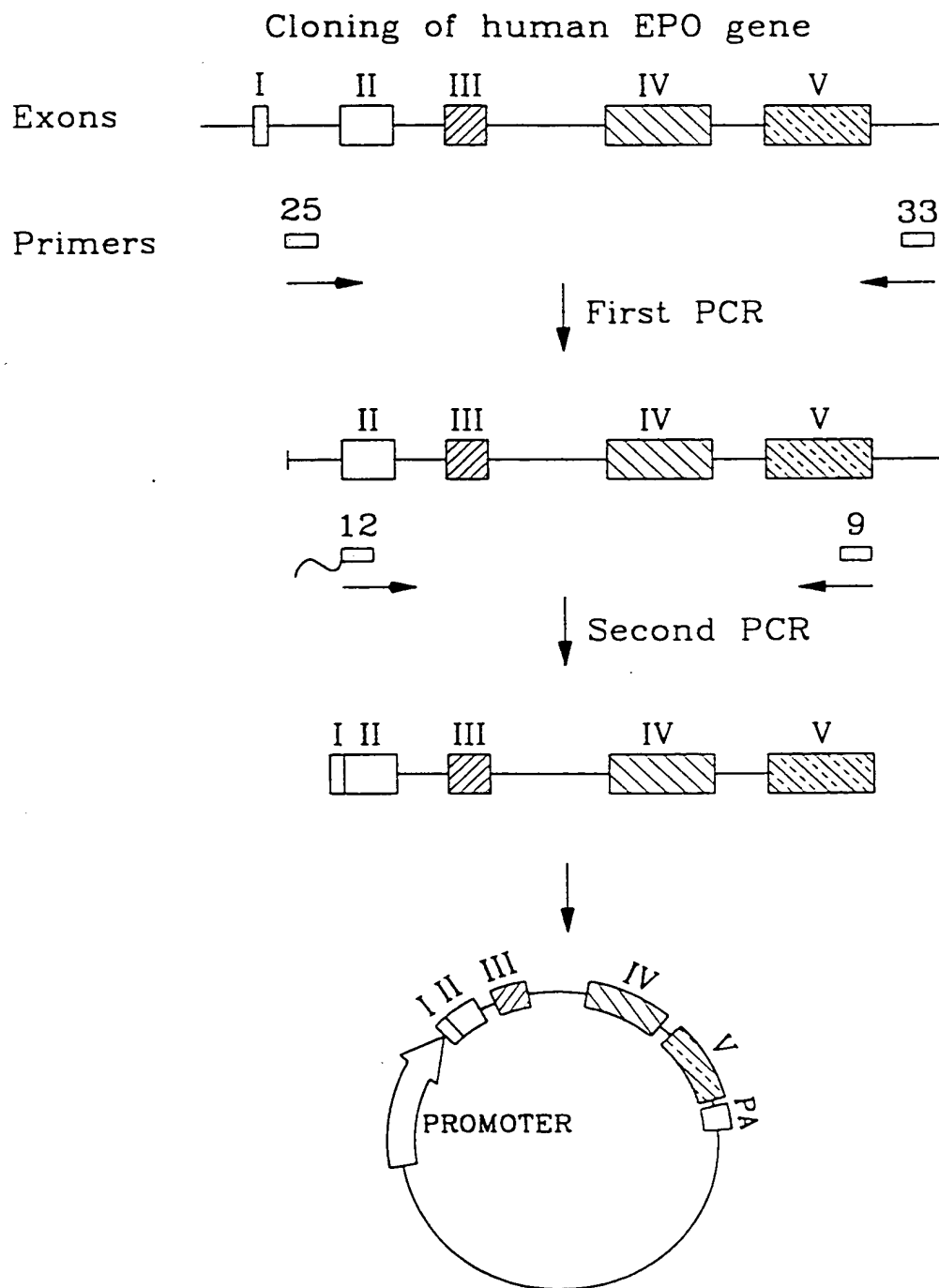


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FIG.4



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## FIG.5A

AM	ATGGGGGTGCACGAATGTCCTGCCTGGCTGTGGCTTCTCCTGTCCCTGCT	50
GI	ATGGGGGTGCACGAATGTCCTGCCTGGCTGTGGCTTCTCCTGTCCCTGCT	50
SY	ATGGGGGTGCACGAATGTCCTGCCTGGCTGTGGCTTCTCCTGTCCCTGCT	50
JM	ATGGGGGTGCACGAATGTCCTGCCTGGCTGTGGCTTCTCCTGTCCCTGCT	50
SH	ATGGGGGTGCACGAATGTCCTGCCTGGCTGTGGCTTCTCCTGTCCCTGCT	50
HE	ATGGGGGTGCACGAATGTCCTGCCTGGCTGTGGCTTCTCCTGTCCCTGCT	50
*****		
AM	GTCGCTCCCTCTGGGCCTCCCAGTCCTGGGCGCCCCACCACGCCTCATCT	100
GI	GTCGCTCCCTCTGGGCCTCCCAGTCCTGGGCGCCCCACCACGCCTCATCT	100
SY	GTCGCTCCCTCTGGGCCTCCCAGTCCTGGGCGCCCCACCACGCCTCATCT	100
JM	GTCGCTCCCTCTGGGCCTCCCAGTCCTGGGCGCCCCACCACGCCTCATCT	100
SH	GTCGCTCCCTCTGGGCCTCCCAGTCCTGGGCGCCCCACCACGCCTCATCT	100
HE	GTCGCTCCCTCTGGGCCTCCCAGTCCTGGGCGCCCCACCACGCCTCATCT	100
*****		
AM	GTGACAGCCGAGTCCTGGAGAGGTACCTCTTGAGGCCAAGGAGGCCGAG	150
GI	GTGACAGCCGAGTCCTGGAGAGGTACCTCTTGAGGCCAAGGAGGCCGAG	150
SY	GTGACAGCCGAGTCCTGGAGAGGTACCTCTTGAGGCCAAGGAGGCCGAG	150
JM	GTGACAGCCGAGTCCTGGAGAGGTACCTCTTGAGGCCAAGGAGGCCGAG	150
SH	GTGACAGCCGAGTCCTGGAGAGGTACCTCTTGAGGCCAAGGAGGCCGAG	150
HE	GTGACAGCCGAGTCCTGGAGAGGTACCTCTTGAGGCCAAGGAGGCCGAG	150
*****		
AM	AATATCACGGTGAGACCCCTTCCCCAGCACATTCCACAGAACTCACGCTC	200
GI	AATATCACGGTGAGACCCCTTCCCCAGCACATTCCACAGAACTCACGCTC	200
SY	AATATCACGGTGAGACCCCTTCCCCAGCACATTCCACAGAACTCACGCTC	200
JM	AATATCACGGTGAGACCCCTTCCCCAGCACATTCCACAGAACTCACGCTC	200
SH	AATATCACGGTGAGACCCCTTCCCCAGCACATTCCACAGAACTCACGCTC	200
HE	AATATCACGGTGAGACCCCTTCCCCAGCACATTCCACAGAACTCACGCTC	200
*****		

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## FIG.5B

AM	AGGGCTTCAGGG-AACTCCTCCCAG-ATCCAGGAACCTGGCACTTGGT	248
GI	AGGGCTTCAGGG-AACTCCTCCCAG-ATCCAGGAACCTGGCACTTGGT	248
SY	AGGGCTTCAGGG-AACTCCTCCCAG-ATCCAGGAACCTGGCACTTGGT	248
JM	AGGGCTTCAGGG-AACTCCTCCCAG-ATCCAGGAACCTGGCACTTGGT	248
SH	AGGGCTTCAGGG-AACTCCTCCCAG-ATCCAGGAACCTGGCACTTGGT	248
HE	AGGGCTTCAGGG-AACTCCTCCCAG-ATCCAGGAACCTGGCACTTGGT	250
	*****	
AM	GGGGTGGAGTTGGGAAGCTAGACACTGCCCCCTACATAAGAATAAGTCT	298
GI	GGGGTGGAGTTGGGAAGCTAGACACTGCCCCCTACATAAGAATAAGTCT	298
SY	GGGGTGGAGTTGGGAAGCTAGACACTGCCCCCTACATAAGAATAAGTCT	298
JM	GGGGTGGAGTTGGGAAGCTAGACACTGCCCCCTACATAAGAATAAGTCT	298
SH	GGGGTGGAGTTGGGAAGCTAGACACTGCCCCCTACATAAGAATAAGTCT	298
HE	GGGGTGGAGTTGGGAAGCTAGACACTGCCCCCTACATAAGAATAAGTCT	300
	*****	
AM	GGTGGCCCCAAACCATACCTGGAACTAGGCAAGGAGCAAAGCCAGCAGA	348
GI	GGTGGCCCCAAACCATACCTGGAACTAGGCAAGGAGCAAAGCCAGCAGA	348
SY	GGTGGCCCCAAACCATACCTGGAACTAGGCAAGGAGCAAAGCCAGCAGA	348
JM	GGTGGCCCCAAACCATACCTGGAACTAGGCAAGGAGCAAAGCCAGCAGA	348
SH	GGTGGCCCCAAACCATACCTGGAACTAGGCAAGGAGCAAAGCCAGCAGA	348
HE	GGTGGCCCCAAACCATACCTGGAACTAGGCAAGGAGCAAAGCCAGCAGA	350
	*****	
AM	TCCTACGGCCTGTGGGCCAGGGCCAG-AGCCTTCAGGGACCCTTGACTCC	397
GI	TCCTACGGCCTGTGGGCCAGGGCCAG-AGCCTTCAGGGACCCTTGACTCC	395
SY	TCCTACGGCCTGTGGGCCAGGGCCAA-AGCCTTCAGGGACCCTTGACTCC	397
JM	TCCTACGGCCTGTGGGCCAGGGCCAGGAGCCTTCAGGGACCCTTGACTCC	398
SH	TCCTACGGCCTGTGGGCCAGGGCCA-AGCCTTCAGGGACCCTTGACTCC	397
HE	TCCTACGGCCTGTGGGCCAGGGCCA-AGCCTTCAGGGACCCTTGACTCC	399
	*****	

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## FIG.5C

AM	CCGGGCTGTGTCATTTCAGACGGGCTGTGCTGAACACTGCAGCTTGAAT	447
GI	CCGGGCTGTGTCATTTCAGACGGGCTGTGCTGAACACTGCAGCTTGAAT	445
SY	CCGGGCTGTGTCATTTCAGACGGGCTGTGCTGAACACTGCAGCTTGAAT	447
JM	CCGGGCTGTGTCATTTCAGACGGGCTGTGCTGAACACTGCAGCTTGAAT	448
SH	CCGGGCTGTGTCATTTCAGACGGGCTGTGCTGAACACTGCAGCTTGAAT	447
HE	CCGGGCTGTGTCATTTCAGACGGGCTGTGCTGAACACTGCAGCTTGAAT	449
	*****	
AM	GAGAATATCACTGTCCAGACACCAAAGTTAATTTCTATGCCTGGAAGAG	497
GI	GAGAATATCACTGTCCAGACACCAAAGTTAATTTCTATGCCTGGAAGAG	495
SY	GAGAATATCACTGTCCAGACACCAAAGTTAATTTCTATGCCTGGAAGAG	497
JM	GAGAATATCACTGTCCAGACACCAAAGTTAATTTCTATGCCTGGAAGAG	498
SH	GAGAATATCACTGTCCAGACACCAAAGTTAATTTCTATGCCTGGAAGAG	497
HE	GAGAATATCACTGTCCAGACACCAAAGTTAATTTCTATGCCTGGAAGAG	499
	** *****	
AM	GATGGAGGTGAGTTCCTTTTTTTTTTTTTTCCTTTCTTTTGGAGAATCT	547
GI	GATGGAGGTGAGTTCCTTTTTTTTTTTTTTCCTTTCTTTTGGAGAATCT	545
SY	GATGGAGGTGAGTTCCTTTTTTTTTTTTTTCCTTTCTTTTGGAGAATCT	547
JM	GATGGAGGTGAGTTCCTTTTTTTTTTTTTTCCTTTCTTTTGGAGAATCT	548
SH	GATGGAGGTGAGTTCCTTTTTTTTTTTTTTCCTTTCTTTTGGAGAATCT	545
HE	GATGGAGGTGAGTTCCTTTTTTTTTTTTTTCCTTTCTTTTGGAGAATCT	549
	*****	
AM	CATTTGCGAGCCTGATTTTGGATGAAAGGGAGAAATGATCGAGGGAAAGGT	597
GI	CATTTGCGAGCCTGATTTTGGATGAAAGGGAGAAATGATCGAGGGAAAGGT	595
SY	CATTTGCGAGCCTGATTTTGGATGAAAGGGAGAAATGATCGAGGGAAAGGT	597
JM	CATTTGCGAGCCTGATTTTGGATGAAAGGGAGAGITGATCGAGGGAAAGGT	598
SH	CATTTGCGAGCCTGATTTTGGATGAAAGGGAGAAATGATCGAGGGAAAGGT	595
HE	CATTTGCGAGCCTGATTTTGGATGAAAGGGAGAAATGATCGAGGGAAAGGT	599
	*****	

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## FIG.5D

AM AAAATGGAGCAGCAGAGATGAGGCTGCCTGGGCGCAGAGGCTCACGTCTA 647  
GI AAAATGGAGCAGCAGAGATGAGGCTGCCTGGGCGCAGAGGCTCACGTCTA 645  
SY AAAATGGAGCAGCAGAGATGAGGCTGCCTGGGCGCAGAGGCTCACGTCTA 647  
JM AAAATGGAGCAGCAGAGATGAGGCTGCCTGGGCGCAGAGGCTCACGTCTA 648  
SH AAAATGGAGCAGCAGAGATGAGGCTGCCTGGGCGCAGAGGCTCACGTCTA 645  
HE AAAATGGAGCAGCAGAGATGAGGCTGCCTGGGCGCAGAGGCTCACGTCTA 649  
\*\*\*\*\*

AM TAATCCCAGGCTGAGATGGCCGAGATGGGAGAATTGCTTGAGCCCTGGAG 697  
GI TAATCCCAGGCTGAGATGGCCGAGATGGGAGAATTGCTTGAGCCCTGGAG 695  
SY TAATCCCAGGCTGAGATGGCCGAGATGGGAGAATTGCTTGAGCCCTGGAG 697  
JM TAATCCCAGGCTGAGATGGCCGAGATGGGAGAATTGCTTGAGCCCTGGAG 698  
SH TAATCCCAGGCTGAGATGGCCGAGATGGGAGAATTGCTTGAGCCCTGGAG 695  
HE TAATCCCAGGCTGAGATGGCCGAGATGGGAGAATTGCTTGAGCCCTGGAG 699  
\*\*\*\*\*

AM GTTCAGACCAACCTAGGCAGCATAGTGAGATCCCCATCTCTACAAACAT 747  
GI GTTCAGACCAACCTAGGCAGCATAGTGAGATCCCCATCTCTACAAACAT 747  
SY GTTCAGACCAACCTAGGCAGCATAGTGAGATCCCCATCTCTACAAACAT 747  
JM GTTCAGACCAACCTAGGCAGCATAGTGAGATCCCCATCTCTACAAACAT 748  
SH GTTCAGACCAACCTAGGCAGCATAGTGAGATCCCCATCTCTACAAACAT 745  
HE GTTCAGACCAACCTAGGCAGCATAGTGAGATCCCCATCTCTACAAACAT 749  
\*\*\*\*\*

AM TTAAAAAAATTAGTCAGGTGAAGTGGTGCATGGTGGTAGTCCCAGATATT 797  
GI TTAAAAAAATTAGTCAGGTGAAGTGGTGCATGGTGGTAGTCCCAGATATT 795  
SY TTAAAAAAATTAGTCAGGTGAAGTGGTGCATGGTGGTAGTCCCAGATATT 797  
JM TTAAAAAAATTAGTCAGGTGAAGTGGTGCATGGTGGTAGTCCCAGATATT 798  
SH TTAAAAAAATTAGTCAGGTGAAGTGGTGCATGGTGGTAGTCCCAGATATT 795  
HE TTAAAAAAATTAGTCAGGTGAAGTGGTGCATGGTGGTAGTCCCAGATATT 799  
\*\*\*\*\*

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## FIG.5E

AM	TGGAAGGCTGAGGCGGGAGGATCGCTTGAGCCCAGGAATTTGAGGCTGCA	847
GI	TGGAAGGCTGAGGCGGGAGGATCGCTTGAGCCCAGGAATTTGAGGCTGCA	845
SY	TGGATGGCTGAGGCGGGAGGATCGCTTGAGCCCAGGAATTTGAGGCTGCA	847
JM	TGGAAGGCTGAGGCGGGAGGATCGCTTGAGCCCAGGAATTTGAGGCTGCG	848
SH	TGGAAGGCTGAGGCGGGAGGATCGCTTGAGCCCAGGAATTTGGGCTGCA	845
HE	TGGAAGGCTGAGGCGGGAGGATCGCTTGAGCCCAGGAATTTGAGGCTGCA	849
	*****	
AM	GTGAGCTGTGATCACACCACTGCACITCCAGCCTCAGTGACAGAGTGAGGC	897
GI	GTGAGCTGTGATCACACCACTGCACITCCAGCCTCAGTGACAGAGTGAGGC	895
SY	GTGAGCTGTGATCACACCACTGCACITCCAGCCTCAGTGACAGAGTGAGGC	897
JM	GTGAGCTGTGATCACACCACTGCACITCCAGCCTCAGTGACAGAGTGAGGC	898
SH	GTGAGCTGTGATCACACCACTGCACITCCAGCCTCAGTGACAGAGTGAGGC	895
HE	GTGAGCTGTGATCACACCACTGCACITCCAGCCTCAGTGACAGAGTGAGGC	899
	*****	
AM	CCTGTCTCAAAAAAGAAAAGAAAAAGAAAAATATGAGGGCTGTATGGA	947
GI	CCTGTCTCAAAAAAGAAAAGAAAAAGAAAAATATGAGGGCTGTATGGA	945
SY	CCTGTCTCAAAAAAGAAAAGAAAAAGAAAAATATGAGGGCTGTATGGA	947
JM	CCTGTCTCAAAAAAGAAAAGAAAAAGAAAAATATGAGGGCTGTATGGA	948
SH	CCTGTCTCAAAAAAGAAAAGAAAAAGAAAAATATGAGGGCTGTATGGA	945
HE	CCTGTCTCAAAAAAGAAAAGAAAAAGAAAAATATGAGGGCTGTATGGA	949
	*****	
AM	ATACATTCATTATTCATTCACTCACTCACTCACTCATTCATTCACTTCACTT	997
GI	ATACATTCATTATTCATTCACTCACTCACTCACTCATTCATTCACTTCACTT	995
SY	ATACATTCATTATTCATTCACTCACTCACTCACTCATTCATTCACTTCACTT	997
JM	ATACATTCATTATTCATTCACTCACTCACTCACTCATTCATTCACTTCACTT	998
SH	ATACATTCATTATTCATTCACTCACTCACTCACTCATTCATTCACTTCACTT	995
HE	ATACATTCATTATTCATTCACTCACTCACTCACTCATTCATTCACTTCACTT	999
	*****	

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## FIG.5F

AM CATTCAACAAGTCTTATTGCATACCTTCTGTTTGCTCAGCTTGGTGCTTG 1047  
GI CATTCAACAAGTCTTATTGCATACCTTCTGTTTGCTCAGCTTGGTGCTTG 1045  
SY CATTCAACAAGTCTTATTGCATACCTTCTGTTTGCTCAGCTTGGTGCTCG 1047  
JM CATTCAACAAGTCTTATTGCATACCTTCTGTTTGCTCAGCTTGGTGCTTG 1048  
SH CATTCAACAAGTCTTATTGCATACCTTCTGTTTGCTCAGCTTGGTGCTTG 1045  
HE CATTCAACAAGTCTTATTGCATACCTTCTGTTTGCTCAGCTTGGTGCTTG 1049  
\*\*\*\*\*

AM GGGCTGCTGAGGGGCAGGAGGGAGAGGGTGACATGGGTCACTGACTCCC 1097  
GI GGGCTGCTGAGGGGCAGGAGGGAGAGGGTGACATCCCTCAGCTGACTCCC 1095  
SY GGGCTGCTGAGGGGCAGGAGGGAGAGGGTGACATGGGTCACTGACTCCC 1097  
JM GGGCTGCTGAGGGGCAGGAGGGAGAGGGTGACATGGGTCACTGACTCCC 1098  
SH GGGCTGCTGAGGGGCAGGAGGGAGAGGGTGACATGGGTCACTGACTCCC 1095  
HE GGGCTGCTGAGGGGCAGGAGGGAGAGGGTGACATGGGTCACTGACTCCC 1099  
\*\*

AM AGAGTCCACTCCCTGTAGGTGCGGGCAGCAGGCCGTAGAAGTCTGGCAGGG 1147  
GI AGAGTCCACTCCCTGTAGGTGCGGGCAGCAGGCCGTAGAAGTCTGGCAGGG 1145  
SY AGAGTCCACTCCCTGTAGGTGCGGGCAACAGGCCGTAGAAGTCTGGCAGGG 1147  
JM AGAGTCCACTCCCTGTAGGTGCGGGCAGCAGGCCGTAGAAGTCTGGCAGGG 1148  
SH AGAGTCCACTCCCTGTAGGTGCGGGCAGCAGGCCGTAGAAGTCTGGCAGGG 1145  
HE AGAGTCCACTCCCTGTAGGTGCGGGCAGCAGGCCGTAGAAGTCTGGCAGGG 1149  
\*\*\*\*\*

AM CCTGGCCCTGCTGTGCGGAAGCTGTCTGCGGGGCCAGGCCCTGTTGGTCA 1197  
GI CCTGGCCCTGCTGTGCGGAAGCTGTCTGCGGGGCCAGGCCCTGTTGGTCA 1195  
SY CCTGGCCCTGCTGTGCGGAAGCTGTCTGCGGGGCCAGGCCCTGTTGGTCA 1197  
JM CCTGGCCCTGCTGTGCGGAAGCTGTCTGCGGGGCCAGGCCCTGTTGGTCA 1198  
SH CCTGGCCCTGCTGTGCGGAAGCTGTCTGCGGGGCCAGGCCCTGTTGGTCA 1195  
HE CCTGGCCCTGCTGTGCGGAAGCTGTCTGCGGGGCCAGGCCCTGTTGGTCA 1199  
\*\*\*\*\*

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FIG.5G

AM	ACTCTTCCCAGCCGTGGGAGCCCCTGCAGCTGCATGTGGATAAAGCCGTC	1247
GI	ACTCTTCCCAGCCGTGGGAGCCCCTGCAGCTGCATGTGGATAAAGCCGTC	1245
SY	ACTCTTCCCAGCCGTGGGAGCCCCTGCAGCTGCATGTGGATAAAGCCGTC	1247
JM	ACTCTTCCCAGCCGTGGGAGCCCCTGCAGCTGCATGTGGATAAAGCCGTC	1248
SH	ACTCTTCCCAGCCGTGGGAGCCCCTGCAGCTGCATGTGGATAAAGCCGTC	1245
HE	ACTCTTCCCAGCCGTGGGAGCCCCTGCAGCTGCATGTGGATAAAGCCGTC	1249
	*****	

AM	AGTGGCCTTCGCAGCCTCACCCTCTGCTTCGGGCTCTGGGAGCCCAGGT	1297
GI	AGTGGCCTTCGCAGCCTCACCCTCTGCTTCGGGCTCTGGGAGCCCAGGT	1295
SY	AGTGGCCTTCGCAGCCTCACCCTCTGCTTCGGGCTCTGGGAGCCCAGGT	1297
JM	AGTGGCCTTCGCAGCCTCACCCTCTGCTTCGGGCTCTGGGAGCCCAGGT	1298
SH	AGTGGCCTTCGCAGCCTCACCCTCTGCTTCGGGCTCTGGGAGCCCAGGT	1295
HE	AGTGGCCTTCGCAGCCTCACCCTCTGCTTCGGGCTCTGGGAGCCCAGGT	1299
	*****	

AM	GAGTAGGAGCGGACACTTCTGCTTGCCCTTTCTGTAAGAAGGGGAGAAGG	1347
GI	GAGTAGGAGCGGACACTTCTGCTTGCCCTTTCTGTAAGAAGGGGAGAAGG	1345
SY	GAGTAGGAGCGGACACTTCTGCTTGCCCTTTCTGTAAGAAGGGGAGAAGG	1347
JM	GAGTAGGAGCGGACACTTCTGCTTGCCCTTTCTGTAAGAAGGGGAGAAGG	1348
SH	GAGTAGGAGCGGACACTTCTGCTTGCCCTTTCTGTAAGAAGGGGAGAAGG	1345
HE	GAGTAGGAGCGGACACTTCTGCTTGCCCTTTCTGTAAGAAGGGGAGAAGG	1349
	*****	

AM	GTCTTGCTAAGGAGTACAGGAACGTGCCGTATTCCTTCCCTTTCTGTGGC	1397
GI	GTCTTGCTAAGGAGTACAGGAACGTGCCGTATTCCTTCCCTTTCTGTGGC	1395
SY	GTCTTGCTAAGGAGTACAGGAACGTGCCGTATTCCTTCCCTTTCTGTGGC	1397
JM	GTCTTGCTAAGGAGTACAGGAACGTGCCGTATTCCTTCCCTTTCTGTGGC	1398
SH	GTCTTGCTAAGGAGTACAGGAACGTGCCGTATTCCTTCCCTTTCTGTGGC	1395
HE	GTCTTGCTAAGGAGTACAGGAACGTGCCGTATTCCTTCCCTTTCTGTGGC	1399
	*****	

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FIG.5H

AM	ACTGCAGCGACCTCCTGTTTTCTCCTTGGCAGAAGGAAGCCATCTCCCCT	1447
GI	ACTGCAGCGACCTCCTGTTTTCTCCTTGGCAGAAGGAAGCCATCTCCCCT	1445
SY	ACTGCAGCGACCTCCTGTTTTCTCCTTGGCAGAAGGAAGCCATCTCCCCT	1447
JM	ACTGCAGCGACCTCCTGTTTTCTCCTTGGCAGAAGGAAGCCATCTCCCCT	1448
SH	ACTGCAGCGACCTCCTGTTTTCTCCTTGGCAGAAGGAAGCCATCTCCCCT	1445
HE	ACTGCAGCGACCTCCTGTTTTCTCCTTGGCAGAAGGAAGCCATCTCCCCT	1449
*****		
AM	CCAGATGCGGCCTCAGCTGCTCCACTCCGAACAATCACTGCTGACACTTT	1497
GI	CCAGATGCGGCCTCAGCTGCTCCACTCCGAACAATCACTGCTGACACTTT	1495
SY	CCAGATGCGGCCTCAGCTGCTCCACTCCGAACAATCACTGCTGACACTTT	1497
JM	CCAGATGCGGCCTCAGCTGCTCCACTCCGAACAATCACTGCTGACACTTT	1498
SH	CCAGATGCGGCCTCAGCTGCTCCACTCCGAACAATCACTGCTGACACTTT	1495
HE	CCAGATGCGGCCTCAGCTGCTCCACTCCGAACAATCACTGCTGACACTTT	1499
*****		
AM	CCGCAAACCTCTCCGAGTCTACTCCAATTTCTCCGGGGAAAGCTGAAGC	1547
GI	CCGCAAACCTCTCCGAGTCTACTCCAATTTCTCCGGGGAAAGCTGAAGC	1545
SY	CCGCAAACCTCTCCGAGTCTACTCCAATTTCTCCGGGGAAAGCTGAAGC	1547
JM	CCGCAAACCTCTCCGAGTCTACTCCAATTTCTCCGGGGAAAGCTGAAGC	1548
SH	CCGCAAACCTCTCCGAGTCTACTCCAATTTCTCCGGGGAAAGCTGAAGC	1545
HE	CCGCAAACCTCTCCGAGTCTACTCCAATTTCTCCGGGGAAAGCTGAAGC	1549
*****		
AM	TGTACACAGGGGAGGCCTGCAGGACAGGGGACAGATGA	1584
GI	TGTACACAGGGGAGGCCTGCAGGACAGGGGACAGATGA	1582
SY	TGTACACAGGGGAGGCCTGCAGGACAGGGGACAGATGA	1585
JM	TGTACACAGGGGAGGCCTGCAGGACAGGGGACAGATGA	1585
SH	TGTACACAGGGGAGGCCTGCAGGACAGGGGACAGATGA	1583
HE	TGTACACAGGGGAGGCCTGCAGGACAGGGGACAGATGA	1586
*****		

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## FIG.6

AM/GI	MGVHECPAWLWLLLSLLSLPLGLPVLGAPPRLICDSRVLERYLLEAKEAE	50
SY	MGVHECPAWLWLLLSLLSLPLGLPVLGAPPRLICDSRVLERYLLEAKEAE	50
JM	MGVHECPAWLWLLLSLLSLPLGLPVLGAPPRLICDSRVLERYLLEAKEAE	50
SH	MGVHECPAWLWLLLSLLSLPLGLPVLGAPPRLICDSRVLERYLLEAKEAE	50
HE	MGVHECPAWLWLLLSLLSLPLGLPVLGAPPRLICDSRVLERYLLEAKEAE	50
*****		

AM/GI	NITITGCAEHCSLNENITVPDTKVNIFYAWKRMEVGQOAVEVWQGLALLSEA	100
SY	NITITGCAEHCSLNENITVPDTKVNIFYAWKRMEVGQOAVEVWQGLALLSEA	100
JM	NITITGCAEHCSLNENITVPDTKVNIFYAWKRMEVGQOAVEVWQGLALLSEA	100
SH	NITITGCAEHCSLNENITVPDTKVNIFYAWKRMEVGQOAVEVWQGLALLSES	100
HE	NITITGCAEHCSLNENITVPDTKVNIFYAWKRMEVGQOAVEVWQGLALLSEA	100
*** *****		

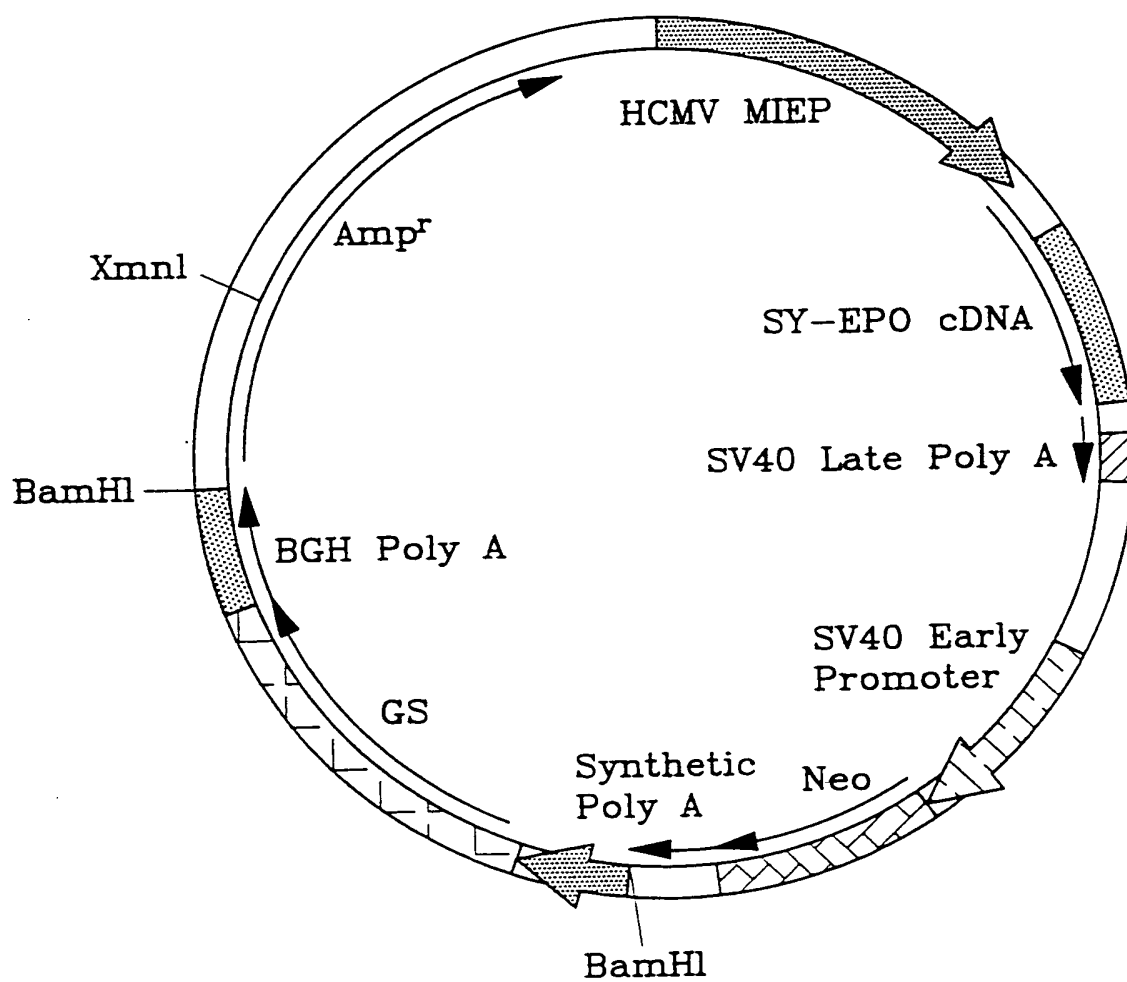
AM/GI	VLRGQALLVNSSQPWEPLQLHVDKAVSGLRSLTLLRALGAQKEAISPDP	150
SY	VLRGQALLVNSSQPWEPLQLHVDKAVSGLRSLTLLRALGAQKEAISPDP	150
JM	VLRGQALLVNSSQPWEPLQLHVDKAVSGLRSLTLLRALGAQKEAISPDP	150
SH	VLRGQALLVNSSQPWEPLQLHVDKAVSGLRSLTLLRALGAQKEAISPDP	150
HE	VLRGQALLVNSSQPWEPLQLHVDKAVSGLRSLTLLRALGAQKEAISPDP	150
*****		

AM/GI	AASAAPLRTITADTFRKLFRVVSNFLRGKLLKLYTGEACRTGDR	193
SY	AASAAPLRTITADTFRKLFRVVSNFLRGKLLKLYTGEACRTGDR	193
JM	AASAAPLRTITADTFRKLFRVVSNFLRGKLLKLYTGEACRTGDR	193
SH	AASAAPLRTITADTFRKLFRVVSNFLRGKLLKLYTGEACRTGDR	193
HE	AASAAPLRTITADTFRKLFRVVSNFLRGELKLYTGEACRTGDG	193
*****		



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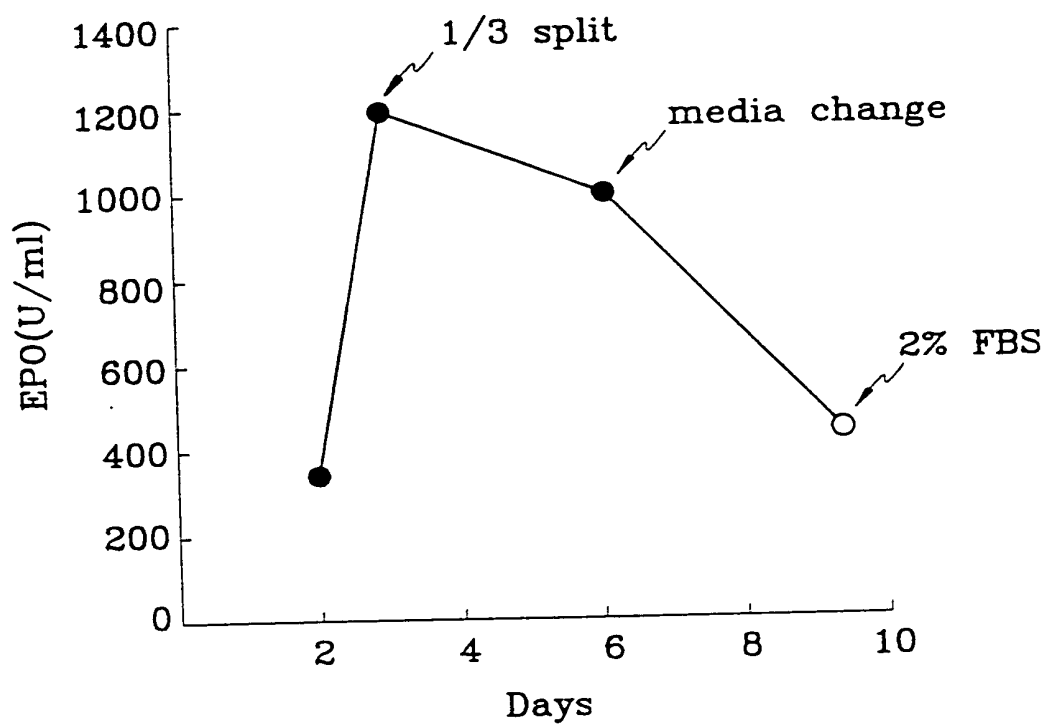
FIG.8



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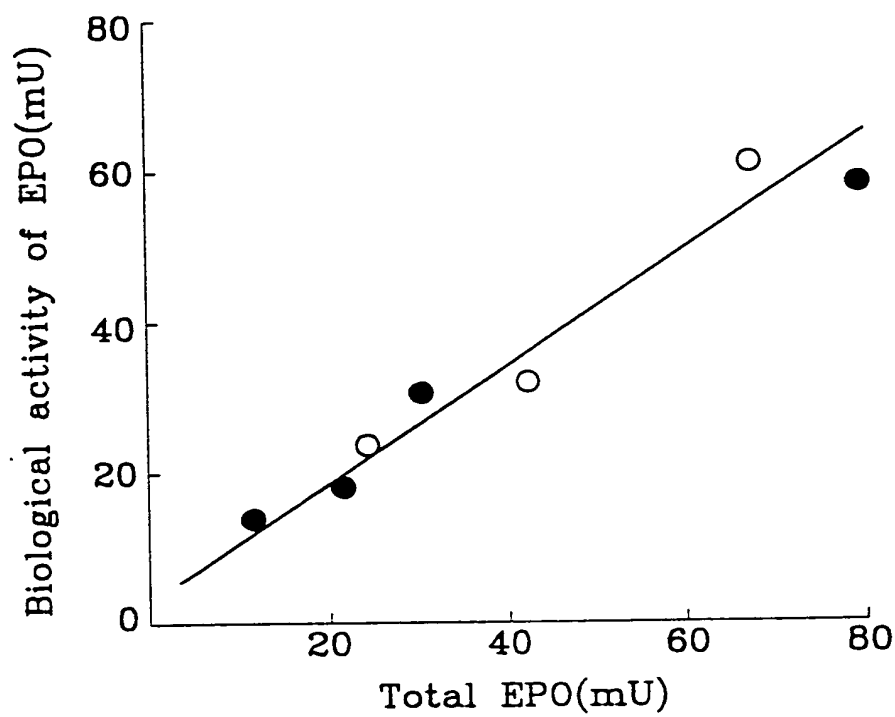
FIG. 9





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FIG.10



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